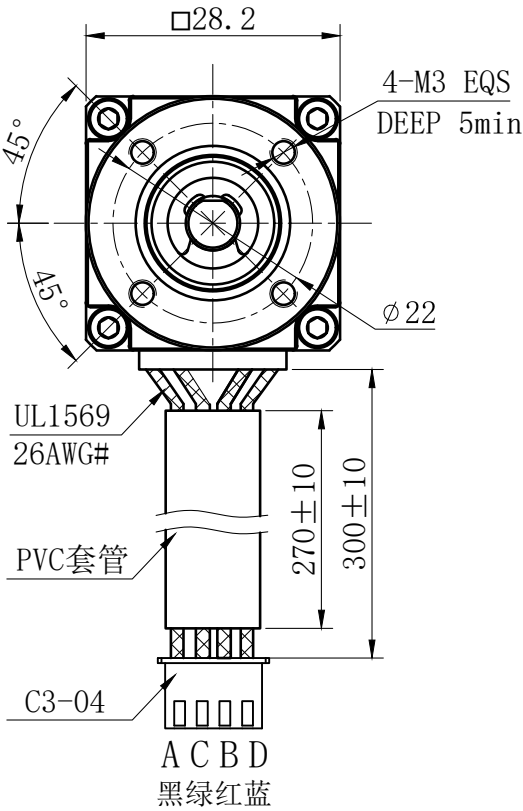
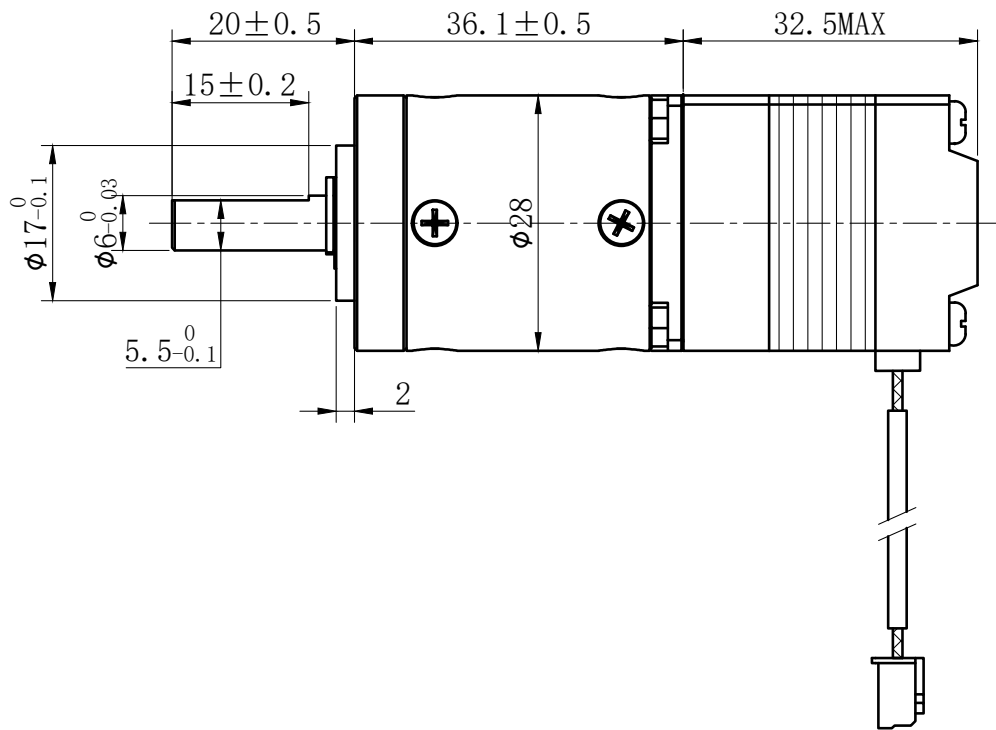


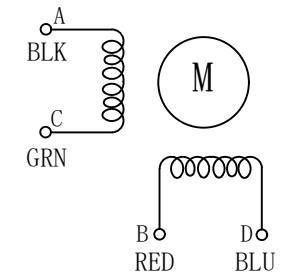
28HS2401-M28PG19J-300

|                  |                    |             |              |
|------------------|--------------------|-------------|--------------|
| 版本<br>(Versions) | 修改内容 (Description) | 标记<br>(REV) | 日期<br>(Date) |
| A0               | 首次发布               | *           | 2026. 08. 07 |
|                  | S                  |             |              |
|                  | 技术部                |             |              |



| character 特性 |                    | specifications 规格 |
|--------------|--------------------|-------------------|
| 减速比          | Ratio              | 19:1              |
| 相数           | Number of phase    | 2                 |
| 步距角          | Step Angle         | 1.8°              |
| 额定电压         | Rated Voltage      | DC 3.88V          |
| 额定电流         | Rated current      | DC 0.67A          |
| 保持转矩         | Holding Torque     | ≥ 70mN.m          |
| 相电阻          | Winding resistance | 5.8±10% ohm(20℃)  |
| 相电感          | Winding inductaoce | 4.2±20% mH (1kHz) |
| 转动惯量         | Rotor Inertia      | 15 g.cm²          |
| 电机重量         | Weight             | 0.23 Kg           |
| 绝缘等级         | Insulation class   | B Class           |

电气原理图  
winding drawing



励磁顺序vs. 旋转方向  
Exciting Sequence vs.  
Direction of Rotation

| STEP | A | B | C | D |                     |
|------|---|---|---|---|---------------------|
| 1    | + | + | - | - | CW<br>↓<br>↑<br>CCW |
| 2    | - | + | + | - |                     |
| 3    | - | - | + | + |                     |
| 4    | + | - | - | + |                     |

从安装面看为顺时针方向  
Clockwise view from mouting side

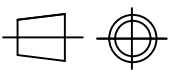
UNLESS OTHERWISE SPECIFIED, REMOVE ALL BURRS.  
BREAK SHARP EDGES 0.5mmMAX.  
未注倒角最大0.5mm。

DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES AS BELOW:  
尺寸单位为毫米(mm)。未注公差按以下标准:  
DECIMALS: X ±0.38  
DECIMALS: X.X ±0.25  
DECIMALS: X.XX ±0.13  
DECIMALS: X.XXX ±0.013  
ANGLES: ±2°

|              |     |              |                |
|--------------|-----|--------------|----------------|
| 批准 Approved  |     |              |                |
| 工艺 Technolgy |     |              |                |
| 审核 Checked   |     |              |                |
| 设计 Inspectde |     |              |                |
| 名称 Names     |     | 签名 Signature | 日期 Date        |
| 单位 unit      | mm  | 版本 rev       | A0 客户 Customer |
| 页数 sheet     | 1/1 | 比例 scale     | 1:1 视图 view    |

UMOT

重庆优摩特科技有限公司  
Chongqing UMot technology Co.Ltd.



物料编号  
Item No

型号  
Model

28HS2401-M28PG19J-300